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(71)出願人(米国を除く全ての指定国について): 持田製薬株式会社(MOCHIDA PHARMACEUTICAL CO., LTD.) [JP/JP]; 〒160-8515 東京都新宿区四谷1丁目7番地 Tokyo (JP).

(72)発明者: および

(75)発明者/出願人(米国についてのみ): 工藤弓夫(KUDO,

Yumio) [JP/JP]. 植島浩貴(UESHIMA, Hiroki) [JP/JP]. 酒井和家(SAKAI, Kazuya) [JP/JP]; 〒160-8515 東京都新宿区四谷1丁目7番地 持田製薬株式会社内 Tokyo (JP).

(74)代理人: 渡辺望稔、外(WATANABE, Mochitoshi et al.); 〒101-0032 東京都千代田区岩本町2丁目12番5号 早川トナカイビル3階 Tokyo (JP).

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(54)Title: SYSTEM FOR RELEASE IN LOWER DIGESTIVE TRACT

(54)発明の名称: 消化管下部放出性システム

a	b	c	d	e	f	g
胃 胃十二指腸 空腸	回腸	盲腸	結腸	直腸		
stomach gastrum	jejunum	caecum	colon	rectum		
4a ◎◎◎◎						
4b ◎◎◎◎						
5a ◎◎◎◎						
5b ◎◎◎◎						
10a ◎◎◎◎		◎◎◎◎	◎◎◎◎			
12b ◎◎◎◎		◎◎◎◎	◎◎◎◎			
14a ◎◎◎◎		◎◎◎◎	◎◎◎◎	◎◎◎◎		
24b ◎◎◎◎		◎◎◎◎	◎◎◎◎	◎◎◎◎	◎◎◎◎	

◎ 膜離れたセラムラバセル
◎ 未変化セラムラバセル
◎ 未変化セラムラバセル
◎ 未変化セラムラバセル
◎ 未変化セラムラバセル

A...STOMACH
B...DUODENUM
C...JEJUNUM
D...ILEUM
E...CECUM
F...COLON
G...EXCRETA

b...ENTERIC CAPSULE (UNCOATED)
1...UNCOATED SEMIGLOSS SOFTCAPSULE
2...BROWN SEMIGLOSS SOFTCAPSULE
3...BLACK SEMIGLOSS SOFTCAPSULE (INCREASED FILM STRENGTH)
4...BROWN SEMIGLOSS SOFTCAPSULE (LEAKAGE OF CONTENTS)

(57)Abstract: A system whereby a substance which is orally taken and to be delivered into the lower digestive tract is selectively delivered into the lower digestive tract. More particularly, a system which makes it possible to surely and quickly deliver the aimed substance to the lower digestive tract without being affected by pH change in the digestive tract due to change in bacterial flora. Compositions disintegrating in the lower digestive tract characterized by containing a compound <A>, which has a molecular weight of 1000 or less and has a disulfide bond, and a polymer , which has a molecular weight exceeding 1000 and is digested by enteric bacteria and/or undergoes softening, swelling or dissolution due to a decrease in pH; molded products with the use of these compositions; and preparations with the use of these molded products.

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